

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of: Haensel *et al.*

Atty. Docket No.: 1996P08661WOUS

Application Serial No.: 09/202,759

Examiner: S. Azarian

Filing Date: 28/02/2000

Art Unit: 2625

For: Method of Processing Postal
Matters

Confirmation No.: 3327

SUBMISSION OF INFORMATIONExaminer Seyed Azarian

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Dear Examiner Azarian:

Via Facsimile, pages 7

Further to our conversations, enclosed please find some PowerPoint screenshots depicting the above identified invention. As can be seen from the screenshots, the present invention returns a second time to the OCR with information obtained from the video coding. In the return, the database is again queried. Because of the additional information, a more restricted database search can now be performed. This step is found in claim 1, last paragraph. The cited prior art (Hiramatsu) does not revisit the OCR. Rather, Hiramatsu leaves it up to the encoder to manually enter an unread entry.

Also further to our telephone conversations, when convenient, I would like to discuss the invention with you by telephone by way of a telephonic interview. We had at one point discussed tomorrow at 10:00 AM EST. Is this time still available for you? I will call you today to confirm safe receipt of this facsimile as well as confirm a convenient time for us to chat by telephone.

Respectfully Submitted,

Date: August 11, 2003

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Intellectual Property, IP I-44

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Interactive Video Coding

Page 9 of Description

CONV. P. 2001.02
PCT/EP 2001/02

evaluation code for the video frame "1001" as well as the latest available "q" Display
frame other than a divided display can be used as well. This latest information is used to
modify matching errors in the address dividing 104. A complete evaluation of the
address information of the respective image leading to a comparison of a clear comparison
between the latest information and an entry in the address dividing 104 was found.
However, such an address comparison cannot be achieved for a certain percentage
of cases because a number of different address entries correspond to the coded address
information.

According to Figure 3, a decision 220 is made to decide whether the address
information of an image was evaluated completely during the video coding.

As shown in Figure 3, the decision 220 is made to decide whether the address
information of an image was evaluated completely during the video coding.

In case of a negative decision

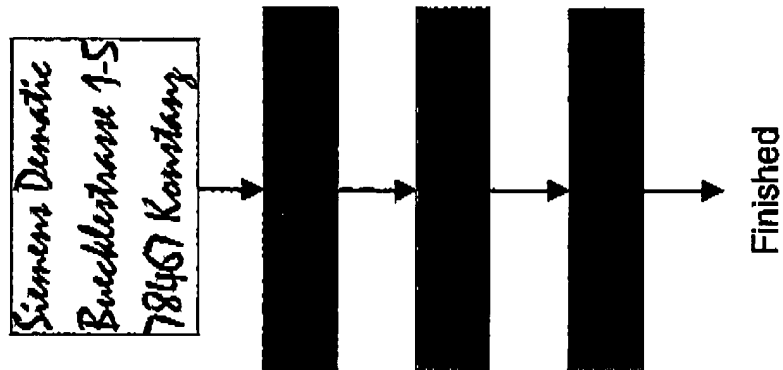
(No), the invention provides for another automatic evaluation by using the results of the
video coding, meaning that for this further automatic evaluation, the information obtained
through video coding is available to the OCR processor in addition to the information
shown on the image.

According to a decision 200, an address information is compared with the
address information. In the positive case (Yes), the respective information is used for the further
coding of the data, in the negative case (No), a further decision is made.

AMENDED PAGE

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Interactive Video Coding Overview



SIEMENSDOMATIC

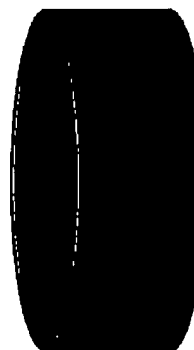
Interactive Video Coding Online OCR – City name resolved successfully

Online OCR

Aachen	Freiburg	Varel
Ahlberg	Friedrichshafen	Velberg
Altenau	Fuerth	Velchede
Anweiler	Fulda	Vechta
Aschaffenburg	Göttingen	Venden
Baden Baden	Gneisenau	Waldshut
Bargteheide	Halle	Walsrode
Berlin	Hamburg	Wangen
Biberach	Heidelberg	Wedel
Brandenburg	Hildesheim	Westerland
Bonn	Ingelheim	Weizahn
Borheim	Itzehoe	Wiesbaden
Bremen	Jena	Wiesmoor
Calw	Jever	Wilhelmshaven
Cloppenburg	Juelich	Witten
Chemnitz	Kassel	Wolfsburg
Coburg	Konstanz	Würzburg
Craßfeld		Xanten
Donzdorf	Luebeck	Zabergfeld
Dortmund	Ludwigshafen	Zell
Dresden	Mainz	Zetel
Düsseldorf	Mannheim	Zeven
Eisenach	Marl	Zierenberg
Engen	Münster	Zimmer
Erfurt	Naumburg	Zittau
Erlangen	Nürnberg	Zwelpich
Essen		Zwickau

in list of ALL city names

Siemens Domatic
Buecklestrasse 1-5
78467 Konstanz



City name
Data base

Interactive Video Coding

Online OCR – Street name not resolved successfully

Online OCR

Abendbergweg
Ackertorweg
Adenauerstrasse
Aeschenweg
Am Fliesshorn
Badgasse
Baehlerweg
Bahnhofstrasse
Berenstrasse
Bergweg
Buechlestrasse
Buedelsdorffallee
Buehrenweg
Buergerstrasse
Buergerplatz
Buerfelberg
Carl-Benz-Strasse
Cherisystrasse
Dachstrasse
Dammgasse
Derbyweg
Doebelestrasse
Ebertplatz
Eibenweg
Engelsteig
Farnweg
Färberstrasse

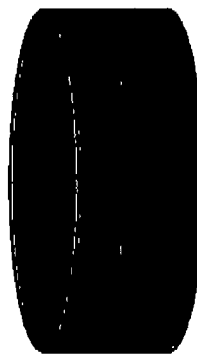
Garlenstrasse
Gaußweg
Gerichtsgasse
Gottlieb Strasse
Gottmanplatz
Grasweiherweg
Grüngang
Händlerstrasse
Hafenstrasse
Hafnerweg
Haideimoorweg
Hofhake
Im Baumgarten
Inselgasse
Irisweg
Jahnstrasse
Jakobstrasse
Kamorstasse
Kanzleiweg
Katzgasse
Kepplerweg
Kirchgasse
Lerchenweg
Linzgaublick
Loretosteiig
Macairestrasse
Mainaustrasse

Nestgasse
Neugasse
Neuhof
Nikolausweg
Oberdorfstrasse
Oberföhrenstrasse
Opelmarkt
Opelstrasse
Pappelweg
Platzgarten
Rauengasse
Rheinweg
Raitebergweg
Rathausplatz
Rauhgasse
Rebweg
Rosenauweg
Sackgasse
Saentisblick
Salemmer Weg
Salesianer Weg
Schiffstrasse
Seestrasse
Seutlerweg
Stelnstrasse
Stettiner Strasse
Stillerstrasse

Taborweg
Taegermoostr
Talgartenstr.
Tenbrinkstr.
Thingolstr.
Tirolergasse
Tulengasse
Turnstrasse
Uferstrasse
Uhländweg
Untere Laube
Waldstrasse
Wallgutstrasse
Waldstrasse
Webersteig
Weiherstrasse
Wiesenstrasse
Winkelgasse
Wollgrasweg
Wuhrweg
Zaehninger Platz
Zandergrasse
Zasiusstrasse
Zellerstrasse
Zergleweg
Ziegelhofweg
Zollernstrasse

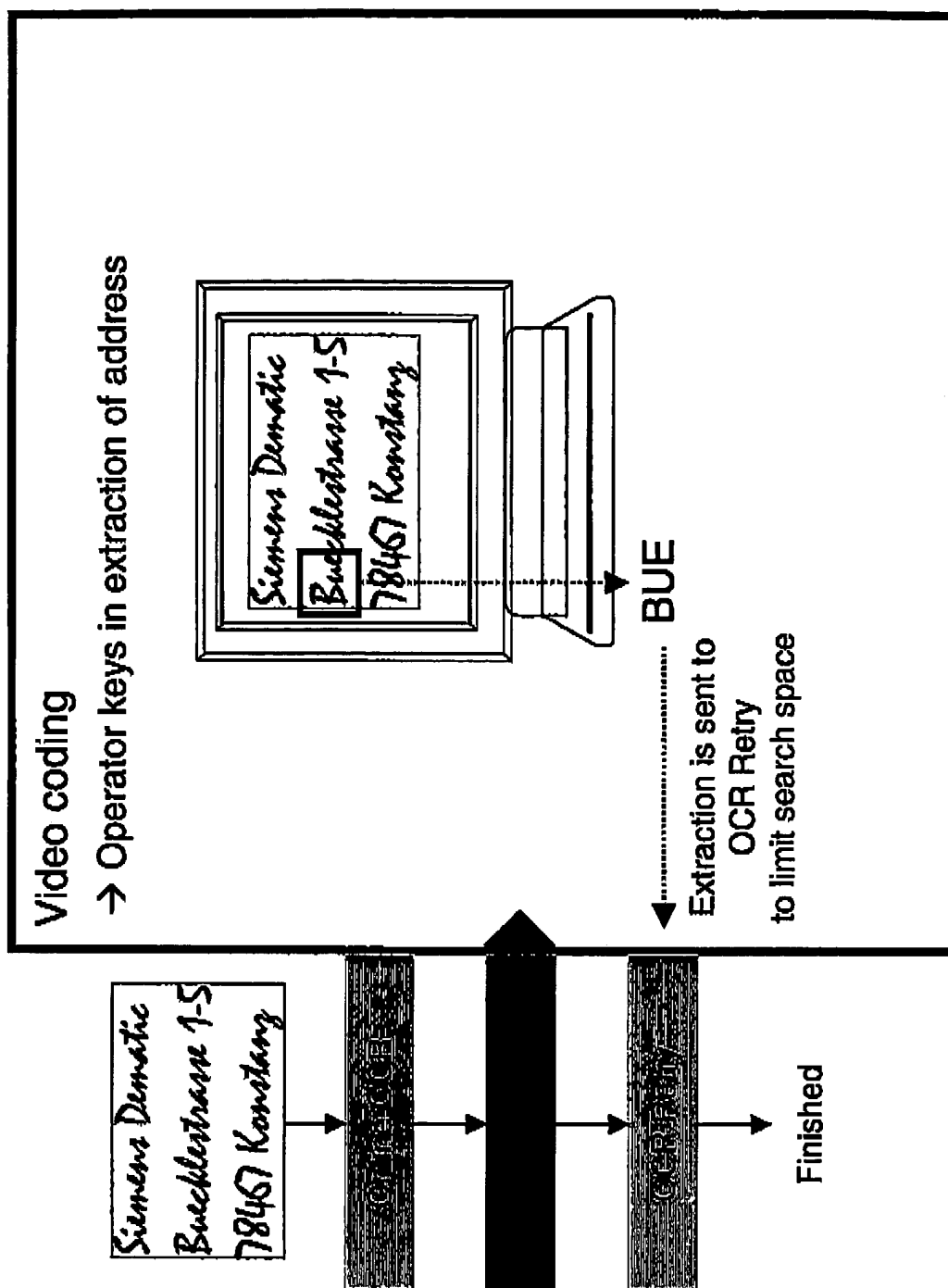
name in list of ALL street names

Siemens Dematic
Buechlestrasse 1-5
78467 Konstanz



Street name
Data base

Interactive Video Coding Video Coding



Interactive Video Coding OCR Retry

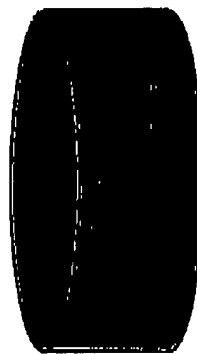
OCR Retry

Video coding is used to delimit

Abendbergweg	Gartenstrasse	Nestgasse	Tabornweg
Ackertorweg	Gaußweg	Neugasse	Taegermossstr.
Adenauerstrasse	Gerichtsgasse	Neuhof	Talgartenstr.
Aeschenweg	Gottlieb Strasse	Nikolausweg	Tenbrinkstr.
Am Fliesshorn	Gottmanplatz	Oberdorfstrasse	Thingoltstr.
Badgasse	Grasweiherweg	Oberlohnstrasse	Tirolergasse
Bäckerweg	Gürtelgang	Obermarkt	Tulengasse
Bahnholstrasse	Händelstrasse	Opelstrasse	Turmstrasse
Berchstrasse	Hefenstrasse	Pappelweg	Uferstrasse
BUECKLESTRASSE	Immerweg	Pfalzgarten	Unlandweg
BUECKLESTRASSE	Immoosweg	Pflauegasse	Untere Laube
BUECKLESTRASSE	Hofhalde	Pirmweg	Waldstrasse
BUECKLESTRASSE	Im Baumgarten	Raltebergweg	Walgutstrasse
BUECKLESTRASSE	Immoosweg	Rathausplatz	Waldstrasse
BUECKLESTRASSE	Immoosweg	Rauhgasse	Webersteig
BUECKLESTRASSE	Immoosweg	Rebweg	Weihenstrasse
BUECKLESTRASSE	Immoosweg	Rosenuweg	Wiesenstrasse
BUECKLESTRASSE	Immoosweg	Sackgasse	Winkelgasse
BUECKLESTRASSE	Immoosweg	Saentiblick	Wolfgangweg
BUECKLESTRASSE	Immoosweg	Salmer Weg	Wuhweg
BUECKLESTRASSE	Immoosweg	Salesianer Weg	Zehninger Platz
BUECKLESTRASSE	Immoosweg	Schiffstrasse	Zandergasse
BUECKLESTRASSE	Immoosweg	Seestrasse	Zasiusstrasse
BUECKLESTRASSE	Immoosweg	Saeuferweg	Zellerstrasse
BUECKLESTRASSE	Immoosweg	Steinstrasse	Zergleweg
BUECKLESTRASSE	Immoosweg	Stettner Strasse	Ziegelhofweg
BUECKLESTRASSE	Immoosweg	Stiftenstrasse	Zollenstrasse

Siemens Dematic
Buecklestrasse 1-5
78467 Konstanz

Street name
Data base



BUE

Input from
Video coding